

## HUMAN FGF-23 GENE AND GENE EXPRESSION PRODUCTS

### ABSTRACT OF THE DISCLOSURE

This invention relates to human fibroblast growth factor (hFGF-23), to cleavage products of hFGF-23, and to variants thereof and to polynucleotides encoding FGF-23. The invention also relates to diagnostic and therapeutic agents related to the polynucleotides and proteins, including probes and antibodies, and to methods of treating skin, brain and placental disease and disorders, and methods of treating conditions related to thymic function. The invention also relates to mouse fibroblast growth factor (mFGF-23), and to variants thereof and polynucleotides encoding mFGF-23.

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